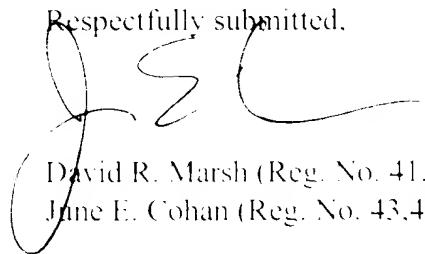


Remarks

The specification has been amended to incorporate by reference the sequence listing provided herewith on compact disc (CD-ROM). Support for the sequence listing on CD-ROM is provided by the sequence listing in computer readable form (CRF) as originally filed. No new matter is entered by this amendment. A marked up version of the amendment, showing the changes that have been made pursuant to 37 C.F.R. 1.21 is attached in APPENDIX A.

It is not believed that any extensions of time are required in conjunction with this filing. However, if extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to Arnold and Porter Deposit Account Number 50-1824, referencing docket number 16517.247. Applicants likewise authorize a charge to Deposit Account Number 50-1824 for any other fees related to the present application that are not otherwise provided for in the accompanying documents.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

Jane E. Cohan (Reg. No. 43,471)

Date: January 3, 2002

ARNOLD & PORTER

555 12th Street, N.W.

Washington, D.C. 20004

APPENDIX A

Marked up Version of Amendment Pursuant to 37 C.F. R. 121

INCORPORATION OF SEQUENCE LISTING

Two copies of the sequence listing (COPY 1 REPLACEMENT 12 31 2001 and Copy 2 REPLACEMENT 12 31 2001) [(Copy 1 and Copy 2)] and a computer readable form (CRF) of the sequence listing all on CD-ROMs, each containing the file named "pa_00349.txt" which is 20,112,035 [pa_00349.rpt which is 19,928,021] bytes in size (measured in MS-DOS) and which was created on [May 04] December 31, 2001, are herein incorporated by reference.